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Separability probability formulas and their proofs for generalized two-qubit X-matrices endowed with Hilbert-Schmidt and induced measures. (English) Zbl 1330.15041

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MSC:

15B52 Random matrices (algebraic aspects)
81P40 Quantum coherence, entanglement, quantum correlations
33B15 Gamma, beta and polygamma functions

Cited in 6 Documents

Keywords:

X-states; 2×2 quantum systems; separability probabilities; entanglement probability distribution; Peres-Horodecki conditions; positive partial transpose; Hilbert-Schmidt measure; induced measure; continuous Dyson index

Software:

DLMF

Full Text: [DOI](#) [arXiv](#)

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